## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/673322.app. and random\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:25
L2	27464	display near3 (request input\$4 near3 (part biometric finger fingerprint))	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:27
L3	61	382/124-127,116.ccls. and 2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 12:27
L4	11	display near3 (direction \$1 direct\$3 instruct\$7 request\$4) near5 input \$4 near3 (part biometric finger fingerprint sequence) and 382/124-127,116. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:34
L5	1	10/673322.app. and random\$4 and 382/115-127.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:44
L6	4	display near3 (direction \$1 direct\$3 instruct\$7 request\$4) near5 input \$4 near3 (part biometric finger fingerprint sequence) and 382/115-127.ccls. not 4	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:45
L7	79	random\$4 near3 (order sequence) and 382/115-127.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:45
L8	2	"20030099381"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 12:55
L9	6	("6229906"   "6259805"   "6463165"   "6795569"   "6826533").PN. OR ("7174036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:37

L10	21	("5229764"   "5493621"   "5613012"   "5613014"   "5999637").PN. OR ("6259805").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:43
L11	3463162	contact adn "6944773". pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:50
L12	0	contact and "6944773". pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:50
L13	0	determin\$4 near3 whether and 11/673322.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:15
L14	1	11/673322.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:15
L15	1	10/673322.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:16
L16	1	10/673322.app. and determin\$4 near3 whether	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:16
L17	0	(correlat\$4 minutia\$2) and "6944773".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:30
L18	0	(capacit\$4) and "6944773".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:32
L19	0	(optical) and "6944773".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 14:32
L20	2	"20030026462"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 15:00
S1	1	van near2 es near2 christopher.in.	US-PGPUB; USPAT	OR	OFF	2007/02/16 15:53
S2	1	"6393139".pn.	US-PGPUB; USPAT	OR	OFF	2007/02/16 15:54
S3	1	"20040228507"	US-PGPUB; USPAT	OR	OFF	2007/02/16 17:27
<b>S</b> 4	10	("5719950"   "5838306"   "5848176"   "6072891"   "6160903").PN. OR ("6393139").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/16 18:14

S5	2	CCD adj sensor with contact and 382/124-127,116.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 17:27
S6	5	(time second) with restart\$3 and 382/124-127,116.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 18:14
S7	1546	382/124-127,116.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/16 18:14
S8	17	time near3 limit and S7	US-PGPUB; USPAT	OR	ON	2007/02/16 18:14
S9	114	(fingerprint thumbprint) near3 sensor with (thermal heat)	US-PGPUB; USPAT	OR	ON	2007/02/16 18:23
S10	47	S7 and S9	US-PGPUB; USPAT	OR	ON	2007/02/16 18:27
S11	928	smart adj card with (keypad key adj pad)	US-PGPUB; USPAT	OR	ON	2007/02/16 18:28
S12	3	S7 and S11	US-PGPUB; USPAT	OR	ON	2007/02/16 18:41
S13	252	382/115-127.ccls. and retina\$3 with iris	US-PGPUB; USPAT	OR	ON	2007/02/16 18:42
S14	40	("1192512"   "1887115"   "2434890"   "3136839"   "3366786"   "3473868"   "3482904"   "3533683"   "3533684"   "3598107"   "3600098"   "3778135"   "3915564"   "3936844"   "3966310"   "4007980"   "4008606"   "4023037"   "4109237"   "4138714"   "4172632"   "4189215"   "4233654"   "4253743"   "4257687"   "4266861"   "4309085"   "4375320"   "4393366"   "4523820"   "4533222").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/16 18:42
S15	11	S14 and retina	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/16 18:47

S16	158	access near3 time and 382/115-127.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 18:48
S17	17	access near3 time and 382/116.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 18:49
S18	1	minimum near3 time and 382/116.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 18:49
S19	0	maximum near3 time and 382/116.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 18:50
S20	9	limit\$3 near3 time and 382/116.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 18:53
S21	14	between near3 time and 382/116.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 18:53
S23	47533	time-out time adj out	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 08:28
S24	0	"6393139".pn. and \$23	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 08:27
S25	1679	382/124-127,116.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/11 08:27
S26	0	sequence with S23 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 08:27
S27	25	S23 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 08:27
S28	53883	time-out tim\$3 adj out	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 08:28
S30	1	"4210899".pn.	USPAT	OR	OFF	2007/09/11 09:49
S31	2	(time-out tim\$3 adj out) with sequence and 382/115-125.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 16:02
S32	7	(time-out tim\$3 adj out) near5 (between within) and 382/115- 125.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 16:08

S33	1	(time-out tim\$3 adj out) near5 (between within) and 382/116. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 16:09
S34	0	(time-out tim\$3 adj out) near5 (pin personal near2 number) and 382/116. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 16:13
<b>S3</b> 5	5	(timing time) with (between sequence within) with (("10" "15" "30" "60") adj seconds minute end near2 (period) window) and 382/116. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 18:35
S37	115	(timing time) with (between sequence within) with (("10" "15" "30" "60") adj seconds minute end near2 (period) window) and 382/115- 127.ccls. not \$35	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 18:41
S38	342	(fingerprint finger hand) with (blood near2 vessel vein) and 382/115-127.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/31 13:18
<b>S</b> 39	326	(fingerprint finger) with (blood near2 vessel vein) and 382/115-127.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/31 13:18
S40	285	(fingerprint) with (blood near2 vessel vein) and 382/115-127. ccls.	US-PGPUB; USPAT	OR	ON	2009/03/31 13:18

## **EAST Search History (Interference)**

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